

Title (en)  
MUSCLE-POWERED WATERCRAFT

Title (de)  
DURCH MUSKELKRAFT ANGETRIEBENES WASSERFAHRZEUG

Title (fr)  
EMBARCATION A PROPULSION MUSCULAIRE

Publication  
**EP 0701519 A1 19960320 (FR)**

Application  
**EP 95902829 A 19941205**

Priority  
• FR 9401412 W 19941205  
• FR 9314695 A 19931206

Abstract (en)  
[origin: WO9515882A1] A watercraft including flotation (1) and propulsion members, which propulsion members are two blades (2 and 3) hinged to a float. The floatability factor of the float is such that the volume of water displaced in the submerged position weighs the same as or up to twice as much as the laden craft, whereby, when a pitching motion is imparted to the craft, it moves sinusoidally in and out of the water and the blades (2 and 3) swing back and forth about their respective hinges between abutments, thus urging the craft forwards.

IPC 1-7  
**B63H 1/36**

IPC 8 full level  
**B63H 1/36** (2006.01)

CPC (source: EP US)  
**B63H 1/36** (2013.01 - EP US); **B63H 16/00** (2013.01 - US); **B63H 16/08** (2013.01 - EP US); **B63H 2016/005** (2013.01 - EP US)

Citation (search report)  
See references of WO 9515882A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL

DOCDB simple family (publication)  
**WO 9515882 A1 19950615**; CA 2182174 A1 19950615; EP 0701519 A1 19960320; US 5816871 A 19981006

DOCDB simple family (application)  
**FR 9401412 W 19941205**; CA 2182174 A 19941205; EP 95902829 A 19941205; US 50094795 A 19951117